

R E P O R T

On the Health and Sanitary Condition of the

WARMINSTER AND WESTBURY RURAL DISTRICT

for the Year

1 9 6 1



WARMINSTER AND WESTBURY RURAL DISTRICT COUNCIL.

J. REYNOLDS.

Medical Officer of Health
of The Warminster and Westbury
Rural District Council



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Health Department,

Craven House,

Warminster, Wilts.

R. F. Stratton, Esq., J.P.,
Chairman, Warminster and Westbury Rural District Council.

Sir,

As directed by the Council in accordance with the Ministry of Health circular 1/62, I have the honour to present my Annual Report for the year 1961. This report is followed by that of your Public Health Inspector.

All persons concerned with the Public Health of the Rural District have continued to co-operate whole-heartedly with me, and I am grateful to your Public Health Committee, the Clerk of the Council, the Family Doctors and visiting Consultants, and the Director of the Public Health Laboratory, Bath. The Public Health Inspectors have worked conscientiously and I am personally indebted to them and to my efficient office staff. Arising from all this, the health of the community gives cause for satisfaction and I hope this state of affairs will continue.

I have the honour to be, Sir,

Your obedient servant,

JOSEPH REYNOLDS.

WARMINSTER AND WESTBURY RURAL DISTRICT COUNCIL

	<u>To 23rd May, 1961.</u>	<u>From 23rd May, 1961.</u>
<u>Chairman of the Council:</u>	C. R. Algar, J.P.	R. F. Stratton, J.P.
<u>Vice-Chairman:</u>	R. F. Stratton, J.P.	Mrs. F. Sykes, J.P.
<u>Chairman of the Public Health Committee:</u>	A. J. Wheeler.	K. E. Betts.
<u>Members of the Public Health Committee:</u>	Chairman of the Council Vice-Chairman of the Council	} ex officio
<u>Councillors:</u>	Miss W. M. Barker. Mrs. M. Pottow. Mrs. F. Sykes, J.P. Mrs. P. Sykes. K. Betts. W. J. Breach. J. R. Drake. G. R. Dufosse. S. J. Mitchell. W. J. Oram. E. T. Osment. S. H. Stafford. W. L. Wallis. A. J. Wheeler.	Miss W. M. Barker. Mrs. M. Pottow. Mrs. P. Sykes. C. R. Algar. K. Betts. W. J. Breach. J. R. Drake. G. R. Dufosse. S. J. Mitchell. W. J. Oram. E. T. Osment. S. H. Stafford. W. L. Wallis. A. J. Wheeler.

Members Elected to The West Wilts Water Board, 1st December, 1960:

<u>Councillors:</u>	C. R. Algar, J.P. R. F. Stratton, J.P.
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Staff of the Public Health Department:

<u>Medical Officer of Health:</u> Joseph Reynolds, M.C., L.R.C.P. Edin., L.R.C.S. Edin., L.R.F.P. & S. Glas., D.P.H. (Eng.).	} <u>Office:</u> Craven House, Warminster, Wilts. Telephone: Warminster 3428/9
<u>Chief Public Health Inspector:</u> (part-time). W. F. C. Merrett, M.R.S.H., M.A.P.H.I.	
<u>Additional Public Health Inspectors:</u> (part-time). P. M. Ennis, M.R.S.H., M.A.P.H.I. W. D. Grey, M.A.P.H.I.	
<u>Clerks:</u> Miss K. V. Jones. Miss M. A. Brown.	

	<u>1959-60</u>	<u>1960-61</u>	<u>1961-62</u>
Area of District in acres.	86,155	86,155	86,155
Population (1951 Census + 14,223) Registrar General's Estimate of Mid Year Population	12,590	12,690	13,090
Density of Population - Persons per acre.	0.15	0.15	0.15
Number of Hereditaments.	4,614	4,637	4,695
Number of Council Houses.	557	561	592
Rateable Value at 1st April.	£98,919	£94,006	£95,717
Rateable Value per head of population.	£7.17.2	£7.8.2.	£7.6.3.
Product of Penny Rate	£371	£373.13.11	£370
Loan Debt per head of population.	£59.9.9.	£53.9.6.	£60.6.5.
Loan Debt per £ of Rateable Value.	£7.11.5.	£7.4.4.	£8.5.0.

VITAL STATISTICS.

	<u>Male.</u>	<u>Female.</u>
a) <u>Live Births.</u>		
TOTAL	111	88
Legitimate	104	85
Illegitimate	7	3
<u>Live Birth Rate</u> per 1,000 population of the Rural District.	15.2	
<u>Live Birth Rate</u> of the Rural District after correction by Area Comparability Factor (1.19) which permits comparison with National statistics below.	18.1	
<u>Live Birth Rate</u> per 1,000 population of the County of Wiltshire.	19.1	
<u>Live Birth Rate</u> per 1,000 population of England and Wales	17.4	
b) <u>Still Births.</u>		
TOTAL	1	4
Legitimate	1	4
Illegitimate	0	0

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c) <u>Deaths.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Number of Deaths as enumerated by Registrar General	71	88	159
<u>Crude Death Rate</u> per 1,000 population of the Rural District		12.2	
Death Rate after correction by Area Comparability Factor (0.96) which permits comparison with National statistics below.		11.7	
<u>Death Rate</u> per 1,000 population of the County of Wiltshire		10.6	
<u>Death Rate</u> per 1,000 population of England and Wales		12.0	

d) Deaths of Infants under one year of age

	<u>Male.</u>	<u>Female.</u>
TOTAL	0	3
Legitimate	0	3
Illegitimate	0	0

e) Deaths of Infants under 4 weeks of age.

	<u>Male.</u>	<u>Female.</u>
TOTAL	0	2
Legitimate	0	2

f) Deaths of Infants under one week of age.

	<u>Male.</u>	<u>Female.</u>
TOTAL	0	2
Legitimate	0	2

Rates for infantile mortality are not given since the numbers are too small to be of statistical significance.

g) <u>Causes of Deaths.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
<u>Group A - Certain Communicable Diseases.</u>			
1. Tuberculosis, respiratory	0	2	
2. Tuberculosis, other	0	0	
3. Syphilitic disease	0	0	
4. Diphtheria	0	0	
5. Whooping Cough	0	0	
6. Meningoccal infections	0	0	
7. Acute poliomyelitis	0	0	
8. Measles	0	0	
9. Other infective and parasitic diseases (except Influenza and Pneumonia)	0	0	
Total Group A.	0	2	2
<u>Group B - Cancer and related Malignant Disease.</u>			
10. Malignant neoplasm, stomach	2	0	
11. Malignant neoplasm, lung bronchus	6	2	
12. Malignant neoplasm, breast	0	3	
13. Malignant neoplasm, uterus	0	2	
14. Other malignant and lymphatic neoplasms	8	10	
15. Leukaemia, aleukaemia	1	0	
Total Group B.	17	17	34
<u>Group C.</u>			
16. Diabetes	0	1	1
<u>Group D - Heart Disease and other disease of circulatory system.</u>			
17. Vascular lesions of nervous system	3	13	
18. Coronary disease, angina	21	10	
19. Hypertension with heart disease	3	2	
20. Other heart disease	9	20	
21. Other circulatory disease	1	5	
Total Group D.	37	50	87

g) Continued.

<u>Causes of Death.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
<u>Group E - Respiratory Diseases</u> <u>(other than Tuberculosis).</u>			
22. Influenza	0	0	
23. Pneumonia	3	4	
24. Bronchitis	4	2	
25. Other diseases of respiratory system	1	0	
	<hr/>	<hr/>	<hr/>
Total Group E.	8	6	14
<u>Group F.</u>			
26. Ulcer of Stomach and duodenum	1	1	
27. Gastritis, enteritis and diarrhoea	1	0	
28. Nephritis and nephrosis	1	1	
29. Hyperplasia of prostate	0	0	
30. Pregnancy, childbirth, abortion	0	0	
31. Congenital malformations	0	0	
32. Other defined and ill-defined diseases	3	8	
	<hr/>	<hr/>	<hr/>
Total Group F.	6	10	16
<u>Group G - Accidents and Violence.</u>			
33. Motor Vehicle Accidents	2	0	
34. All other accidents	1	1	
35. Suicide	0	1	
36. Homicide and operations of war	0	0	
	<hr/>	<hr/>	<hr/>
Total Group G.	3	2	5
37. All Causes	71	88	159

TABLE OF BIRTH AND DEATH RATES.

(Local Rates after correction by Area Factors).

Year	Population	Births	Rate per 1,000 population Warminster and Westbury	Rate per 1,000 population England and Wales	Deaths	Rate per 1,000 population Warminster and Westbury	Rate per 1,000 population England and Wales	Deaths of Infants under one year of age
1952	13,910	198	17.4	15.3	169	10.1	11.3	4
1953	13,760	236	19.1	15.4	137	8.3	11.4	6
1954	13,620	211	18.6	15.2	120	7.7	11.3	3
1955	13,410	194	17.3	15.0	114	8.1	11.7	12
1956	13,350	202	18.2	15.5	127	9.1	11.7	Nil
1957	12,720	196	18.3	16.1	122	9.2	11.5	2
1958	12,570	181	17.1	16.4	141	10.8	11.7	3
1959	12,590	198	18.7	16.5	156	11.9	11.6	2
1960	12,690	208	19.5	17.1	131	9.9	11.5	6
1961	13,090	199	18.1	17.4	159	11.7	12.0	3

SECTION B.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

a) Laboratory facilities.

All samples requiring laboratory examination are sent to the Public Health Laboratory in Bath. Not only are reports on these samples available from the Medical Director but he is always willing to visit the District, and the Medical Practitioners and myself find this personal contact most satisfactory.

b) Ambulance Service.

The Ambulance service is provided and controlled by the Wiltshire County Council. The service in this district is controlled from Trowbridge, where the station is manned continuously. A sub-station in Warminster also serves the district. Non-emergency calls must originate from a doctor, dentist or midwife.

To obtain an ambulance in an emergency:-

where there is a dialling system in operation, dial 999

where there is no dialling system, lift the receiver and ask for an ambulance.

c) Midwifery, Home Nursing, Health Visitors and Home Helps.

These services are provided and controlled by the Wiltshire County Council, County Hall, Trowbridge, telephone Trowbridge 3641.

d) Clinics and Treatment Centres.

The following Clinics serve the districts:-

1. Ante Natal:

At the Maternity Hospitals concerned.

Consultant Clinics are at Trowbridge and Bradford-on-Avon for patients referred by their own doctor or midwife.

Baptist Chapel, West End, Westbury, Wilts. - Wednesday mornings 10.00 a.m. - 12.30 p.m.

2. Infant Welfare:

Methodist Chapel, George Street, Warminster at 2 - 4 p.m. on the first and third Fridays of each month.

Methodist Schoolroom, Station Road, Westbury at 2 - 4 p.m. every Thursday.

Progressive Hall, North Bradley at 2.30 - 4.00 p.m. on every Tuesday and Thursday.

The Codford Club, Codford. 2.30 - 4.00 p.m. on second and fourth Mondays of each month.

Dilton Services Social Club, Dilton Marsh. at 2.30 p.m. on second and fourth Fridays of each month.

3. Diphtheria, Whooping Cough, Tetanus and Poliomyelitis Immunization.

Immunization is undertaken by the County Council, and Medical Officers visit the schools in outlying villages at specified dates for this purpose. All family doctors will also carry out immunization.

The Warminster Clinic is held on the fourth Friday of every month at 2.00 p.m. at the Methodist Schoolroom, George Street, Warminster.

The Westbury Clinic is held on the fourth Thursday of every month at 2.30 p.m. at the Methodist Schoolroom, Station Road, Westbury.

4. Paediatrics.

Warminster Hospital on second Friday in each month.

Trowbridge and District Hospital third Friday in each month.

5. Ear, Nose and Throat.
By invitation from the County Council or through the family doctor.
Trowbridge and District Hospital first, third and fifth Mondays, and second and fourth Thursdays in each month.
Westbury Hospital on fourth Tuesday in each month.
Warminster Hospital first Tuesday in each month.
6. Eye.
By invitation from the County Council.
Second, fourth and fifth Fridays in month at Methodist Schoolroom, Warminster.
10.30 a.m. to 1.00 p.m. every Monday at Trowbridge and District Hospital.
7. Orthopaedic.
At Trowbridge, by invitation from the County Council or through the family doctor.
At Warminster - first Monday, first Friday, and second and fourth Thursdays in each month.
At Westbury, first Tuesday in each month.
8. Gynaecology.
At Warminster Hospital on fourth Wednesday in each month, and at Westbury Hospital on first and third Mondays in each month.
8. Chest Clinic.
Trowbridge - Wednesday mornings and every Saturday from 10.00 a.m. to 1.00 p.m.

Cases referred by own Doctor, or by invitation from County Council.
10. Rheumatism.
Alternate Wednesdays at Trowbridge and District Hospital.
11. Radiotherapy Follow Up (Cancer).
At Bristol and Bath by arrangement with the County Council.
At Trowbridge and District Hospital second Thursday in each month.
12. Mental Illness.
Trowbridge and District Hospital every Tuesday afternoon.
13. Chiropody.
By arrangement with the County Council.

14. <u>Venereal Diseases.</u>	<u>Men.</u>	<u>Women.</u>
General Infirmary, Salisbury.	Tuesday - 11.30 a.m. - 1 p.m.	Wednesday - 6 - 7.30 p.m.
	Friday - 6 - 7.30 p.m.	Saturday - 11.30 a.m. - 1 p.m.
Royal United Hospital, Bath.	Friday - 5 - 6.30 p.m. Saturday - 5 - 6.30 p.m.	Tuesday - 5 - 6.30 p.m. Friday - 2.30 - 4.00 p.m.
St. Martin's Hospital, Bath.	Tuesday - 2 p.m.	Tuesday - 2 p.m.

Welfare Foods are distributed at the W.V.S. Centre, Portway House, Warminster, on: Monday 10.00 a.m. - 12 noon, Tuesday 2.00 - 4.00 p.m., Thursday 10.00 a.m. - 12 noon, Friday 2.00 - 4.00 p.m.

Nursing equipment and appliances can be loaned from the Medical Loan Depot in charge of Mrs. George Nicholls, St. Andrew's, Boreham Road, Warminster.

e) Hospitals.

The four hospitals noted below serve the district and are controlled by the West Wiltshire Hospital Management Committee:

	<u>Beds.</u>	<u>Classification.</u>	<u>Type of case dealt with.</u>
Warminster Hospital	30	Wholly general.	Acute medical and surgical cases. Gynaecological cases. Chronic sick patients for short periods only.
Westbury and District Hospital	20	do.	
Sanbourne Hospital	121	Mainly chronic sick.	Aged chronic sick. Accommodation reserved to the County Council for 26 Welfare residents.
Beckford Orthopaedic Hospital, Warminster.	26	Pre-convalescent and recovery unit, plus orthopaedic cases.	

Many residents also attend and receive treatment at several Hospitals in Bath and Salisbury.

Maternity cases are admitted to hospitals at Bradford-on-Avon, Trowbridge and Salisbury.

Cases of infectious diseases are admitted to the Isolation Hospital at Bath. The Majority of cases of Tuberculosis are admitted to Winsley Chest Hospital, the Manor Hospital, Bath and Odstock Hospital, Salisbury.

f) Mortuary.

An annual payment is made to the West Wiltshire Hospital Management Committee for mortuary facilities at the Sanbourne Hospital, Warminster. The visiting pathologist has expressed his satisfaction with the facilities provided.

GENERAL INFORMATION

Ministry of Labour and National Service.

Weymouth Street,
Warminster.

Telephone: Warminster 2351.

Hours: 9.00 a.m. - 5.00 p.m.

Registrar of Births, Marriages and Deaths.

Market Place,
Warminster.

Springfield Road,
Westbury.

Telephone: Westbury 22.

Hours: 10 - 11.30 a.m. Monday, Wednesday and Friday.

National Assistance Board.

Area Office:

School Lane,
Bellvue Road,
Salisbury.

Bellefield House,
Hilperton Road,
Trowbridge.

Telephone: Trowbridge 2348.

Telephone: Salisbury 2261.

Outside Office Hours: Mr. P. Nelmes,
4 Lownead,
Trowbridge,
Wilts.

Mr. I. Evans,
77 Whiterow Park,
Trowbridge,
Wilts.

Telephone: Trowbridge 4206.

Telephone: Trowbridge 2497.

GENERAL INFORMATION (Contd.)

Mental Health Officers.

During Office Hours.

Mr. F. Garnett.

County Hall,
Trowbridge.

Telephone:
Trowbridge 3641.

Deputy:

Mr. T. R. Williams.

County Hall,
Trowbridge.

Telephone:
Trowbridge 3641.

Outside Office Hours.

Telephone Trowbridge Ambulance Station
to contact the officer on duty.
Telephone: Trowbridge 3981/2.

Ministry of Pensions and National Insurance.

Weymouth Street,
Warninster.

Telephone: Warninster 2361.

Hours 9.00 a.m. - 5.00 p.m.

Wallbridge House,
Portway,
Frome.

Telephone: Frome 2373.

Bellefield House,
Hilperton Road,
Trowbridge.

Telephone: Trowbridge 2348.

SECTION C

PREVENTION AND CONTROL OF INFECTIOUS AND OTHER DISEASES.

The nearest centre which keeps emergency supplies of sera for the treatment of anthrax and botulism is:-

Han Green Hospital, Bristol.

Telephone No. Pill 2165.

Special arrangements for the treatment of anthrax have been provided by the South Western Regional Hospital Board at Claverton Down Hospital, Bath. This hospital also holds anti-anthrax serum for prophylactic use and for the treatment of patients sensitive to penicillin.

Organophosphorus Poisoning.

Certain insecticides contain organophosphorus poisons, e.g. parathion. Treatment is by pyridine-2-aldoxime methiodide (PAM). A small supply of PAM is available in the Royal Infirmary Pharmacy (Telephone No. Bristol 22041).

An emergency service for the treatment of cases of organophosphorus insecticide poisoning is also provided by the Medical Division, C.D.E.E. (Ministry of Supply), Porton, Wilts. (Telephone No. Idmiston 211).

Infectious diseases notified during 1961.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Measles	4	33	5	22	81	55	65	32	1	2	-	-	300
Lobar Pneumonia	1	-	-	-	2	-	-	-	-	-	-	-	3
Whooping Cough	-	1	-	1	-	-	-	-	-	-	-	-	2
Scarlet Fever	-	-	-	-	-	-	-	-	-	-	1	-	1
Influenzal Pneumonia	-	-	1	-	-	-	-	-	-	-	-	-	1
Acute Poliomyelitis	-	-	-	-	-	-	-	-	-	-	2	-	2
	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>			
Measles	38	313	38	249	38	147	63	111	14	300			
Whooping Cough	115	33	19	32	32	17	2	10	4	2			
Diphtheria	-	-	1	-	-	-	-	-	-	-			
Lobar Pneumonia	-	-	3	1	1	-	-	4	2	3			
Influenzal Pneumonia	3	5	-	3	2	2	2	1	-	1			
Virus Meningitis	-	1	-	-	-	-	-	-	-	-			
Meningococcal Infection	-	-	-	-	-	1	-	-	-	-			
Ophthalmia Neonatorum	-	2	-	1	-	-	-	-	-	-			
Scarlet Fever	10	3	2	10	7	5	2	-	12	4			
Erysipelas	2	1	1	1	1	1	-	-	-	-			
Peurperal Pyrexia	-	2	1	-	-	2	1	-	-	-			
Acute Poliomyelitis	3	4	-	-	-	-	-	-	-	-			
Food Poisoning	2	6	-	-	-	-	-	-	-	-			
Dysentery	-	-	-	-	-	-	14	-	-	-			
Paratyphoid B	-	-	-	-	-	-	-	1	-	-			

Tuberculosis.

	<u>Pulmonary.</u>		<u>Non-Pulmonary.</u>	
	<u>Male.</u>	<u>Female.</u>	<u>Male.</u>	<u>Female.</u>
Cases on Register at 31.12.60.	38	18	15	5
New Cases notified during 1961	1	2	-	1
Transfers in	-	1	-	1
Deaths	1	-	-	-
Recovered	3	1	3	-
Transferred out of District	2	4	-	-
Cases on Register at 31.12.61.	33	16	12	7

Notifications and Deaths during the year:

<u>Year.</u>	<u>Pulmonary Tuberculosis.</u>		<u>Non-Pulmonary Tuberculosis.</u>		<u>Totals.</u>	
	<u>Notifications.</u>	<u>Deaths.</u>	<u>Notifications.</u>	<u>Deaths.</u>	<u>Notifications.</u>	<u>Deaths.</u>
1952	9	4	2	-	11	4
1953	7	2	3	1	10	3
1954	10	-	2	1	12	1
1955	7	-	2	-	9	-
1956	5	1	2	-	7	1
1957	3	1	2	-	5	1
1958	4	1	1	-	5	1
1959	2	-	-	-	2	-
1960	2	-	-	-	2	-
1961	3	1	1	-	4	1

Number of Cases on Register at end of each year:

<u>Year.</u>	<u>Pulmonary.</u>	<u>Non-Pulmonary.</u>	<u>Total.</u>
1952	51	30	81
1953	58	27	85
1954	61	23	84
1955	61	23	84
1956	58	23	81
1957	59	23	82
1958	62	21	83
1959	57	21	78
1960	56	20	76
1961	49	19	68

IMMUNIZATION AND SMALLPOX VACCINATION STATISTICS, 1961.

(From figures supplied by courtesy of Dr. C. D. L. Lycett, C.M.O.H., Wiltshire).

Year of Birth		1961	1960	1959	1958	1957	1952-56	1947-51
Primary imms. completed during 1961	Diph.	73	92	12	4	4	21	5
	Wh/c.	73	91	11	4	4	5	1
Reinf. injections administered during 1961	Diph.	-	2	13	11	16	180	25
	Wh/c.	-	1	4	7	6	22	2

Age Group	Under 1	1	2 - 4	5 - 14	15 or over
Vaccinations	111	9	7	23	11
Re-vaccinations	-	-	5	6	25

POLIOMYELITIS IMMUNIZATION

Completed Injections During 1961

Persons born:	Warninster and Westbury R.D.		
	2nds.	3rds.	4ths.
1943 - 1961	273	183	710
1933 - 1942	70	71	Nil
Before 1933, but who had not reached 40 years of age	140	236	Nil
Others	5	5	Nil
Total	488	495	710

Tetanus.

From the 1st April, 1961, the Wiltshire County Council has offered immunization against tetanus to both school children and adults. This will implement the policy of the local family doctors who have been immunizing children against this disease for some years.

SECTION D.

INSPECTION AND SUPERVISION OF FOOD.

Milk.

Dealers' Licences to use the special designation Tuberculin Tested	2
Dealers' Licences to use the special designation Pasteurised	9

Milk Sampling.

Legislation placed the responsibility for the sampling of designated milks on the local health authority, the Wiltshire County Council. It was only at the end of the year that a satisfactory scheme of delegation was worked out, and sampling began on behalf of the County Council in 1962.

Samples of milk were taken during the year in connection with a case of Undulant Fever, but the biological tests for Brucellosis and Tuberculosis were negative.

SECTION E.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLIES.

By far the greater part of the water supplied in the Rural District is derived from sources and mains under the control of the West Wilts Water Board.

With great difficulty the Board ensured a sufficiency of water in the Dilton Marsh area in the latter months of the year, only possible because the Board had co-ordinated the local supplies at the village independant of the supply from Westbury, otherwise there would undoubtedly have been a shortage.

The Board ensured a sufficient supply, and the quality of the water in supply was, in general, satisfactory.

Bacteriological sample results of untreated water for the year ended 31st March, 1962:

Upton Scudamore

UNCHLORINATED WATER.

MINISTRY OF HEALTH CLASSIFICATION.

SOURCE	EXCELLENT COLI. COUNT LESS THAN 1.	SATISFACTORY COLI. COUNT 1 - 3	SUSPICIOUS 4 - 10	UNSATISFACTORY COLI. COUNT 10 AND ABOVE.
1. <u>UPTON SCUDAMORE.</u>				
No: 2 Bore.	30	4	-	-
No: 3 Bore.	32	5	-	4
No: 4 Bore.	22	3	-	-
No: 5 Bore.	28	-	-	-
No: 6 Bore.	37	-	-	-
Spring A) *				
B) *	17	7	-	6
C) **				
D) **	17	7	1	6
TOTALS.	183	26	1	16
* Spring "A" flows into "B". ** Spring "D" flows into "C".				
2. <u>CROCKERTON.</u>				
Jersey Hill Well,)				
Keeper's Well)	5	2	-	1
Holy Well)				
TOTALS.	5	2	-	1
3. <u>DIVERS BRIDGE.</u>	2	8	-	4
4. <u>BRATTON.</u>	28	4	2	9

UNCHLORINATED WATER (CONTINUED).

SOURCE	EXCELLENT COLI. COUNT LESS THAN 1.	SATISFACTORY COLI. COUNT 1 - 3	SUSPICIOUS 4 - 10	UNSATISFACTORY COLI. COUNT 10 AND ABOVE.
5. <u>CODFORD.</u>				
Shallow.	27	10	1	1
Pump Level.	42	2	-	-
Deep.	26	4	-	-
TOTALS.	95	16	1	1

TREATED WATER.

Samples of the treated water were taken in the distribution area from the following sources:

SOURCE.	SATISFACTORY COLI. COUNT LESS THAN 1.	COLI. COUNT 1 - 2.	COLI. COUNT 3 AND ABOVE.
1. UPTON SCUDAMORE.	183 (170)	3 (10)	8 (6) *
2. CROCKERTON.	66 (54)	5 (4)	2 (4)
3. WESTBURY.	43 (13)	3 (2)	2 (-)
4. CHAPMANSLADE.	39 (24)	1 (2)	1 (3)
5. CORSLEY.	39 (18)	1 (4)	1 (3)
6. BRATTON.	35 (47)	1 (2)	2 (-)
7. CODFORD.	62 (66)	3 (-)	3 (-)
TOTALS.	467 (392)	17 (24)	19 (16)

* (Figures in brackets are 1960/1961).

It will be seen that coliforms were demonstrated in thirty-six samples. The Ministry of Health memorandum no. 1 states:

"Ideally all waters intended for drinking should show no coliform bacteria in 100 ml., and it should be the aim of every water undertaking to provide water of this quality. Many natural waters reach this standard and, since it is readily attainable by effective treatment, no chlorinated supply should fail to give this result."

Continued . . .

WATER SUPPLIES (CONTINUED).

Chemical Examination of Water - 9th March, 1961.

CODFORD.

Appearance: Clear, colourless, no smell.

Reaction: pH 7.3

		<u>Parts per Million</u>
Free Carbon Dioxide	CO ₂	37
Ammonia (as N)		
Free		Less than .005
Albominoid		.011
Chlorine (as Chlorides)		13
equivalent to Sodium Chloride		21.5
Oxygen absorbed (4 hrs. @ 80°F)		0.19
Nitrogen in Nitrite		trace only
Nitrogen in Nitrate		0.3
Total Solids		340
Loss on ignition		26
Appearance on ignition		Slight charring
Hardness: Temporary		249
Permanent		21
Total		270
Lead & Copper		Less than 0.1

Mineral Analysis

Calcium	Ca	104
Magnesium	Mg	2.4
Sodium	Na	6.5
Potassium	K	2.2
Carbonate	CO ₃	149
Sulphate	SO ₄	24
Chloride	Cl	13
Nitrate	NO ₃	1.3
Iron (Fe)		0.43
Fluoride (F)		0.16

Chemical Examination of Water - 14th March, 1961.

BRATTON SPRINGS, LUCCOMBE.

Appearance: Clear, no appreciable smell. Very slight yellow-greenish tinge on first arrival, tending to fade later. Slight but appreciable sediment of sand, calcium carbonate crystals and vegetable debris with some live infusorians.

Reaction: pH 7.3

Continued . . .

WATER SUPPLIES (CONTINUED).

Bratton Springs, Luccombe (Continued).

	<u>Parts per Million</u>
Free Carbon Dioxide CO ₂	25
Ammonia (as N)	
Free	0.02
Albuminoid	0.06
Chlorine (as Chlorides)	12.5
equivalent to Sodium Chloride	20.5
Oxygen absorbed (4 hrs. @ 80° F)	0.42
Nitrogen in Nitrite	absent
Nitrogen in Nitrate	7.5
Total Solids	344
Loss on ignition	28
Appearance on ignition	No charring
Hardness: Temporary	212
Permanent	45
Total	257
Lead & Copper	less than 0.1

Mineral Analysis

Calcium	Ca.	100
Magnesium	Mg	1.8
Sodium	Na	6
Potassium	K	2
Carbonate	CO ₃	127
Sulphate	SO ₄	20
Chloride	Cl	12.5
Nitrate	NO ₃	33
Fluoride (F)		0.15
Iron (Fe)		0.08

Chemical Examination of Water - 27th March, 1961.

No. 4 Borehole, Upton Scudamore.

Appearance: Clear, colourless.

Reaction: pH 7.2

	<u>Parts per Million</u>
Free Carbon Dioxide CO ₂	44
Ammonia (as N)	
Free	Less than .01
Albuminoid	.016
Chlorine (as Chlorides)	11.5
equivalent to Sodium Chloride	19
Oxygen absorbed (4 hrs. @ 80° F)	0.24
Nitrogen in Nitrite	Absent
Nitrogen in Nitrate	2.1
Total Solids	378
Loss on ignition	18
Appearance on ignition	No charring
Hardness: Temporary	272
Permanent	40
Total	312

WATER SUPPLIES (CONTINUED).

No. 4 Borehole, Upton Scudamore (Continued).

Mineral Analysis.

		<u>Parts per Million</u>
Calcium	Ca	118
Magnesium	Mg	4
Sodium	Na	6.7
Potassium	K	2.2
Carbonate	CO ₃	163
Sulphate	SO ₄	30
Chloride	Cl	11.5
Nitrate	NO ₃	9
Fluoride	(F)	0.14
Iron	(Fe)	0.14
Lead and Copper		Less than 0.1

SUPPLIES NOT UNDER THE CONTROL OF THE WEST WILTS WATER BOARD.

Chitterne.

This supply, controlled by the War Department, is chlorinated. Eighteen samples were taken, of these two were unsatisfactory. The Water Board is negotiating with the War Department to take over full control of this supply.

Thirty samples were taken of untreated waters from various private sources in the Deverills, Dilton Marsh, Horningsham, Tytherington, Heywood, Chapmanslade and Codford. A private supply at Chapmanslade and at Dilton Marsh, and the second supply at Codford were grossly polluted, and the houses are now connected to the Water Board mains.

As requested by the Minister, a table follows showing the number of dwellinghouses and the number of population supplied from public water mains (a) direct to the house and (b) by means of standpipes. It was also requested that this information should be given in respect of each Parish in a Rural District. It is impossible to guarantee the complete accuracy of the figures in the table, but a great deal of work has been done to provide as accurate a picture as possible.

Village	Supply	No. of Houses on inside mains		No. of Houses on S/Pipes.		Private Suppli	Houses on Private Supplies	Popula- tion on Private Supplies	Popu lati TOTAL
		Hses.	Pop.	Hses.	Pop.				
Bishopstrow	W.W.W.B.	55	164	Nil	Nil	1	1	4	1
Boyton and Corton	W.W.W.B.	56	169	Nil	Nil	12	14	42	2
Bratton	W.W.W.B.	233	645	1	1	21	25	75	7
Bulkington	W.W.W.B.	43	133	Nil	-	4	5	15	1
Chapmanslade	W.W.W.B.	157	442	2	4	"	5	15	2
Chitterne	W.D.	109	272	17	36	2	2	6	3
Codford	W.W.W.B.	201	671	Nil	Nil	22	24	72	7
Carried forward		854	2,496	20	41	66	77	229	2,7

WATER SUPPLIES (CONTINUED).

Village	Supply	No. of Houses on inside mains		No. of Houses on S/Pipes.		Private Supplies	Houses on Private Supplies	Popula-tion on Private Supplies	Popu-lation TOTAL
		Hses.	Pop.	Hses.	Pop.				
Brought forward.		854	2,496	20	41	66	77	229	2,766
Borsley	W.W.W.B.	211	646	Nil	Nil	8	13	39	685
Bilton Marsh	W.W.W.B.	452	1,320	4	10	4	4	14	1,344
East Coulston	Private	23	84	Nil	Nil	5	19	57	141
Edlington	W.W.W.B.	190	539	Nil	Nil	9	11	33	572
Heytesbury and Wytherington	W.W.W.B. Private	167	490	Nil -	- -	1	14 off Estate	42	(532
Heywood and Lawkeridge	W.W.W.B.	173	505	Nil	Nil	Nil	Nil	Nil	505
Hinton	W.W.W.B.	31	116	Nil	Nil	1	2	6	122
Horningsham	Private	Nil	Nil	Nil	Nil	8	185	534	534
Leevil	W.W.W.B.	96	256	1	Nil	9	12	36	292
Lingston and Monkton Deverill	Private	87	285	Nil	Nil	Nil	Nil	Nil	285
Prinxton Deverill	Private	28		Nil	Nil	Nil	Nil	Nil	
Moock	W.W.W.B.	31	64	Nil	Nil	Nil	Nil	Nil	64
Longbridge Deverill and Rockerton	W.W.W.B.	254	734	Nil	Nil	Nil	Nil	Nil	734
North Bradley	W.W.W.B.	294	925	Nil	Nil	Nil	Nil	Nil	925
Porton Bavant		38	137	Nil	Nil	Nil	Nil	Nil	137
Sherrington	W.W.W.B.	30	84	Nil	Nil	2	2	6	90
Southwick	W.W.W.B.	247	743	Nil	Nil	2	2	4	747
Steeple Ashton	W.W.W.B.	242	793	Nil	Nil	6	6	18	811
Stockton	Private	Nil	Nil	Nil	Nil	3	80	268	268
Wotton Veny and Wytherington	W.W.W.B.	150	483	9	19	3	5	15	517
Upton Lovell	W.W.W.B.	47	94	Nil	-	12	12	36	130
Upton Scudamore	W.W.W.B.	73	250	Nil	Nil	Nil	Nil	Nil	250
West Ashton	W.W.W.B.	86	273	Nil	Nil	4	12	36	309
TOTAL		3,804	11,317	34	70	142	255	1,373	12,760

Information taken from 1957 Water Surveys of Parishes done and should be considered approximate.

Populations calculated from 1960 total figures 12,760.

Standpipes in Horningsham not off mains so not shown in Return.

Mr. W. F. C. Merrett, Senior Public Health Inspector, reports as follows:

In my last Annual Report I stated that another Public Health Inspector would be necessary if the work of the Department was to be efficiently carried out. I would like to thank the Council for the prompt manner in which they dealt with my request, resulting in the appointment of Mr. W. Grey. He commenced his duties on the 1st June, and it was then possible to step up the frequency of visits to food premises and to once again tackle the problem of the unfit houses in the district.

In October the Council agreed to accept delegation from the County Council of the Milk (Special Designation) Regulations. The effect of this decision was that a considerable amount of the Additional Inspector's time was taken up in carrying out the duties under these Regulations. However, I feel that the implementation of these Regulations is better carried out by the staff of this Council because with their intimate knowledge of the producers and retailers concerned, they can obtain a more comprehensive system of control.

SEWAGE DISPOSAL.

The problem of sewage disposal was very much to the fore in the minds of the Public Health Committee during the year. A number of small improvements were carried out to the existing systems, and an attempt was made to service the plants more frequently. To obtain the right type of manual worker is still a problem. It is only possible to carry on the services provided by the Council by relying on the longer serving older members of the outside staff, on whom much of the work falls.

Once again it was impossible to obtain any land for the disposal of the contents of the cesspool emptier. The Committee instructed me to prepare a list of villages in order of priority for the installation of sewerage schemes. The preparatory work for the Dilton Marsh scheme, including the preparation of drawings and necessary documents for the Ministry, went ahead.

Preliminary surveys and investigations were commenced in the Parishes of North Bradley and Southwick. Some time was also devoted to the investigation of the eventual development of the Green Lane area in the Parish of Steeple Ashton.

REFUSE COLLECTION AND DISPOSAL.

The Council agreed to replace the old refuse collection vehicle with two new vehicles and employ a further man on refuse collection. The new controlled tipping site at Brenneridge Farn, Penleigh, came into operation during the year, and the Council have been dealing with all the refuse from Westbury Urban District. The new tractor proved very successful in securing a much higher standard of controlled tipping.

The Council purchased an ex-army building to house the tractor and to store and process waste paper. The income from the sale of waste paper during the year was £34. 7s. 11d.

The use of the old tip site at Heywood Park was terminated and the whole area levelled, graded and prepared for seeding prior to handing it back to the owner.

It has still not been possible to find a suitable site south of Warminster, if this were possible it would considerably reduce the cost of refuse disposal by reducing the mileage to and from Penleigh Tip from the southern part of the district.

MOVEABLE DWELLINGS.

During the year an offer was received from the owner of the Trowbridge Lodge Caravan Site to bring the site up to the required standard prior to the expiration of their existing licence and planning permission, but unfortunately due to the delay in the commencement of the Green Lane main drainage scheme, it was not possible to implement the owner's proposals. As soon as the necessary main drainage is available I hope to see this site brought up to an even higher standard than that which exists at the present time.

On a small number of occasions it was necessary to take action against caravan dwellers who were using land and caravans without the necessary licence.

HOUSING.

(a) Future Housing Programme.

During the year work commenced on the construction of the Old People's Bungalows at Bratton, and preparatory work was started on the Codford and Chitterne sites. A private house in Dilton Marsh was purchased, renovated and improved. This will be used in conjunction with the other Council Houses in the Parish.

(b) Private Enterprise Housing.

The number of private houses under construction during the year again increased, and it was only with great difficulty that my Department was able to supervise this type of work.

Nineteen houses were completed during the year and twenty-five were under construction at the end of December, 1961.

(c) Improvement Grants.

The demand for Improvement Grants both Standard and Discretionary continues to rise. This assistance given to owners to improve their properties is a great help in improving the general standard of housing throughout the rural district.

Applications in respect of Discretionary Grants for seventy-two properties were received, and grants totalling £22,324 were approved. The number of applications in respect of Standard Grants totalled forty-five. The total amount paid during the year, after completion of the work, was £5,208 11s. 1d.

(d) Housing Repairs and Rents Act.

No applications for certificates of disrepair were received during 1961.

(e) Housing Acts, 1936, and Public Health Act, 1936.

Five Informal Notices were served during the year, two of which have been complied with. Of the three outstanding, one property is shortly to be the subject of a Discretionary Improvement Grant, which will obviously abate the present nuisances. The other two properties are the cause of considerable friction between the existing tenants and the landlords. In both cases a considerable amount of rent is owing by the tenants to the landlords, and consequently should we try to secure the abatement of the nuisances, we should meet with very little or no success.

RURAL HOUSING STATISTICS FOR THE YEAR ENDING 31ST DECEMBER, 1961.

1.	Number of permanent dwellings in district at end of year approx.	4,291
2.	Number of permanent dwellings in district owned by Local Authority.. ..	563
3.	Inspection of dwellings during year:	
(i)	Inspected for housing defects under Public Health Acts	50
(ii)	Inspected for housing defects under Housing Acts	123
(iii)	Number of dwellings so dangerous or injurious to health as to be unfit for habitation.. ..	18
(iv)	Number of dwellings found not to be in all respects reasonably fit for habitation	14
4.	Number of dwellings rendered fit in consequence of informal action ..	14
5.	Action under Statutory Powers:	
A.	Proceedings under Sections 9, 10, 12 Housing Act, 1957	Nil
B.	Proceedings under Public Health Acts	1
C.	Proceedings under Section 16, Housing Act, 1957:	
(i)	Number of Demolition Orders made	Nil
(ii)	Number of houses demolished as result of Demolition Orders	2
(iii)	Number of undertakings accepted	2
(iv)	Number of undertakings completed	1
D.	Proceedings under Sections 42, 43, 46, 48 Housing Act, 1957 ..	Nil
E.	Proceedings under Sections 17, 18, 27 Housing Act, 1957:	
(i)	Number of dwellings where Closing Orders were made	2
(ii)	Number of dwellings closed as result of Closing Orders or undertakings by owners	2
(iii)	Number of dwellings where Closing Orders were cancelled in consequence of premises being made fit	Nil

FOOD HYGIENE.

Following the appointment of the Additional Public Health Inspector, it was possible to give more attention to this very important aspect of Public Health Work. The general standard of premises in the district is high, and the very small minority who required extra attention did respond to the advice and assistance given by this Department.

During the year it was necessary to make representations to the Justices at the Brewster Sessions regarding one public house in the district. Following these representations the Brewers carried out the necessary work to bring this premises up to the standard required by this Department.

ATMOSPHERIC POLLUTION.

On the 1st January the atmospheric pollution gauge was transferred to its former site at Fullingbridge Farm, Heywood. The results of the analysis given by the Public Analyst are as follows:

<u>Tons per</u> <u>sq. mile</u>		<u>Tons per</u> <u>sq. mile</u>		<u>Tons per</u> <u>sq. mile</u>		<u>Tons per</u> <u>sq. mile</u>		
Jan.	24.80	Apr.	5.12	July	2.20	Oct.	6.65	
Feb.	6.70	May	5.59	Aug.	6.87	Nov.	3.28	
Mar.	5.94	June	6.32	Sept.	7.73	Dec.	11.87	
	37.44		17.03		16.80		21.80	Total 93.07

During the year an Inquiry was held into the proposed new Cement Works within the Westbury Urban District. The Minister approved the erection of these works and stated that the control of any fumes, smoke, grit and dust would be in the hands of the Minister's Alkali Inspectorate.

MEAT INSPECTION.

During the year we were informed by the Ministry of Agriculture, Fisheries and Food that the appointed day in accordance with the Slaughterhouses Act, 1958, would be the 1st October, 1961. When the necessary works and improvements were completed to the slaughterhouse of Messrs. Sharpes at Heytesbury, the Council agreed to issue a licence.

As always, 100% meat inspection was maintained at both the slaughterhouses. This was only possible by the staff of my Department doing a large amount of work outside normal working hours.

The Poultry Packing Station was inspected regularly, and any suspect birds found by the "spotters" employed by the owners were examined by this Department.

FACTORIES ACTS.

Due to pressure of work it was not possible to carry out as many inspections as I would have liked under this Legislation.

One Informal Notice was served and complied with during the year.

RODENT CONTROL.

No. of complaints	82
No. of dwellinghouse and business premises re-inspections	940
No. of Agricultural inspections and re-inspections	230
No. of dwellinghouses and business premises found infested	364
No. of Agricultural properties found infested	196
No. of dwellinghouses and business premises treated by Local Authority	292
No. of Agricultural properties treated by Local Authority	38
Total of Treatments carried out including re-treatments	315
No. of Block Control Schemes	20

CONTROL OF VERMIN AND VERMINOUS PREMISES.

During the year three properties were treated to destroy "cluster flies", one to destroy beetles, and one to destroy cockroaches.

The Rodent Operator also regularly treated the refuse tips for the destruction of rats and mice, and regular spraying was carried out to control any fly nuisance.

MEAT AND FOOD INSPECTION (Continued).

Carcases and offal inspected and condemned in whole or part:

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Goats	Horses
Number killed (if known)	155	4	24	677	158	-	-
Number inspected	155	4	24	677	158	-	-
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI							
Whole carcases condemned	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	23	-	1	19	9	-	-
Percentage of number inspected affected with disease other than Tuberculosis and Cysticerci	14.85%	-	4.16%	2.80%	5.69%	-	-
TUBERCULOSIS ONLY							
Whole carcases condemned	-	-	-	-	-	-	-
Carcases of which some part or organ was condemned	-	-	-	-	-	-	-
Percentage of the number inspected affected with Tuberculosis	-	-	-	-	-	-	-
CYSTICEROSIS							
Carcases of which some part or organ was condemned	-	-	-	-	-	-	-
Carcases submitted to treatment by Refrigeration	-	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-	-

INSPECTIONS OF THE DISTRICT.

The following is a summary of inspections and visits made during 1961:-

P.H. Act Inspections	..	..	..	..	..	..	..	..	..	..	..	..	..	50
do. Revisits	..	..	..	..	..	..	..	..	..	..	..	..	..	130
Housing Act Inspections	..	..	..	..	..	..	..	..	..	..	..	..	..	123
do. Visits	..	..	..	..	..	..	..	..	..	..	..	..	..	58
Infectious Disease	..	..	..	..	..	..	..	..	..	..	..	..	..	9
Tents, Vans and Sheds	..	..	..	..	..	..	..	..	..	..	..	..	..	58
Water Supplies	..	..	..	..	..	..	..	..	..	..	..	..	..	69
Water Samples Taken	..	..	..	..	..	..	..	..	..	..	..	..	..	51
Drainage, Sewage Works and Ditches	..	..	..	..	..	..	..	..	..	..	..	..	..	805
Factories Acts (with Power)	..	..	..	..	..	..	..	..	..	..	..	..	..	12
Building Byelaws	..	..	..	..	..	..	..	..	..	..	..	..	..	150
Works in Progress	..	..	..	..	..	..	..	..	..	..	..	..	..	854
Drain Tests	..	..	..	..	..	..	..	..	..	..	..	..	..	65
Town and Country Planning Acts	..	..	..	..	..	..	..	..	..	..	..	..	..	285
Improvement Grants - Discretionary	..	..	..	..	..	..	..	..	..	..	..	..	..	246
do. - Standard	..	..	..	..	..	..	..	..	..	..	..	..	..	131
Refuse Disposal	..	..	..	..	..	..	..	..	..	..	..	..	..	342
Offensive Accumulations	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Offensive Trades	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Pests and Vermin	..	..	..	..	..	..	..	..	..	..	..	..	..	7
Keeping of Animals	..	..	..	..	..	..	..	..	..	..	..	..	..	4
National Assistance Act	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Interviews	..	..	..	..	..	..	..	..	..	..	..	..	..	90
Miscellaneous	..	..	..	..	..	..	..	..	..	..	..	..	..	123
Food Inspections	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Meat do.	..	..	..	..	..	..	..	..	..	..	..	..	..	175
Slaughterhouses	..	..	..	..	..	..	..	..	..	..	..	..	..	205
Butchers' Shops	..	..	..	..	..	..	..	..	..	..	..	..	..	34
Grocers' Shops	..	..	..	..	..	..	..	..	..	..	..	..	..	28
General and Confectionery Premises	..	..	..	..	..	..	..	..	..	..	..	..	..	11
Catering Premises	..	..	..	..	..	..	..	..	..	..	..	..	..	25

INSPECTIONS OF THE DISTRICT (Continued).

Ice Cream Retailers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Bakehouses	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Licensed Premises	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
Milk and Dairies	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
Milk and Bottle Samples	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Watercross Beds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
Diseases of Animals Acts	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
Petroleum Acts	..	..	..	..	..	..	..	..	..	..	..	..	..	..	117
Council Housing Estates	..	..	..	..	..	..	..	..	..	..	..	..	..	..	98
Small Dwellings' Acquisition Act	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
Footpaths, etc.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
Poultry Packing Stations	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36
Agricultural Sanitary Accommodation Regulations	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Atmospheric Pollution	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45

FACTORIES ACTS, 1937 to 1959.

1. INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities.	-	-	-	-
ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	24	-	-	-
iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	-	-	-	-
TOTAL	24	-	-	-

2. Cases in which DEFECTS were found.

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			to H.M. Inspector	by H.M. Inspector	
(1)	(2)	(3)	(4)	(5)	(6)
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)	1	1	-	1	-
Other offences against the Act	-	-	-	-	-
TOTAL	1	1	-	1	-

Continued . . .

FACTORIES ACTS, 1937 to 1959 (Continued).

Part VIII of the Act.

Outwork.

(Sections 110 and 111)

Nature of Work	Section 110			Section 111		
	No. of out-workers in August list required by Section 110 (1) (c)	No. of cases of default in send- ing lists to the Council	No. of prosecu- tions for failure to supply lists.	No. of instances of work in un- wholesome premises.	Notices served	Prose- cutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Wearing apparel, (Making, etc., Cleaning and Washing).	30	-	-	-	-	-
The making of boxes or other receptacles or parts thereof made wholly or partially of paper	-	-	-	-	-	-
TOTAL	30	-	-	-	-	-

